

THIRD
ANNUAL REPORT
OF THE
BOARD OF TRUSTEES
OF THE
PENNSYLVANIA MUSEUM
AND
SCHOOL OF INDUSTRIAL ART.

1878.

MEMORIAL HALL,
PHILADELPHIA.

1879.

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PHILADELPHIA:
Review Printing House,
N. W. Cor. Fourth and Walnut Sts.

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TRUSTEES ELECTED BY THE MEMBERS:

To serve for five years.

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N. PARKER SHORTRIDGE.

To serve for four years.

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F. R. SHELTON, *Chairman*.
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*Committee on Instruction.*J. VAUGHAN MERRICK, *Chairman.*


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*Committee on Law.*CHAPMAN BIDDLE, *Chairman.*

THOMAS COCHRAN,	SAMUEL WAGNER, Jr.,
WAYNE MAC VEAGII.	

*Committee on Audit.*ADAM EVERLY, *Chairman.*

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THOMAS COCHRAN.	



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REPORT OF THE BOARD OF TRUSTEES.

THE third year of the existence of the Museum has been an eventful one in its history, not so much in respect to its progress in any new direction, as that the original plan has been so developed as to place the Institution upon a more permanent and useful basis. Your Trustees have not yet found any radical defect in the theory of the scheme as composed by the founders of the Museum. They have used every effort, both in the conduct of the Schools and in the arrangement of the Collections, so far as the means at their disposal permitted, to complete and perfect it—endeavoring to guide it into practical channels where its influence was most needed.

Following the course of previous Reports, the principal events of the year will be mentioned in the order of their occurrence.

It was soon found that the arrangement made with the International Exhibition Company was not satisfactory. The inability of that corporation to fulfil its obligations placed your Trustees in the awkward position of bearing the expense of the maintenance of the Collections without receiving the proper equivalent from the Exhibition Company for the privileges granted them. About 20 per cent. of the amount due was paid, and the agreement cancelled on April 6th.

The following is a tabulated statement of the visitors each month during the year. The record of admissions on Sun-

days, unfortunately, cannot be had previous to April 6th, but for the eight months given shows quite satisfactory results:—

Date.	Cash, at		Members.	Students.	Complimentary.	Total Admissions.	Total Cash received.	
	25c.	10c.						
January	215	21	.....	.....	1,901	2,137	\$55 85	Admissions during association with International Exhibition Company.
February	220	9	.....	.....	1,659	1,888	55 90	
March	280	24	.....	.....	2,159	2,462	72 40	
April	33	4	.....	.....	365	402	8 65	
Total	748	58	.....	.....	6,084	6,890	\$192 80	
April	537	30	.....	.....	12	603	137 25	
May	1,482	66	.....	.....	9	1,700	377 10	
June	1,076	47	.....	.....	8	1,221	273 70	
July	575	31	.....	.....	8	656	146 85	
August	994	94	.....	.....	7	1,161	257 90	
September	989	84	.....	.....	5	1,156	255 65	
October	915	44	.....	.....	8	1,073	233 15	
November	729	28	.....	.....	4	832	185 05	
December	364	21	.....	.....	8	446	93 10	
Total	8,409	503	.....	.....	6,153	15,738	\$2,152 55	

Admissions on Sunday from April to January, 1878.

Date.	Cash, at		Members.	Students.	Complimentary.	Total Admissions.	Total Cash received.
	25c.	10c.					
April	195	6	6	3	.....	210	\$49 35
May ..	245	12	19	5	2	283	62 45
June	212	11	18	3	3	247	54 10
July	51	2	1	4	.....	58	12 95
August	169	6	4	6	2	187	42 85
September	216	21	12	4	.....	253	56 10
October	202	7	18	5	3	235	51 20
November	182	6	26	3	2	219	46 10
December	81	4	11	2	3	101	20 65
Total	1,553	75	115	35	15	1,793	\$395 75

The return of the Collection of English Pottery and Porcelain lent by Messrs. Daniell & Sons, of London, of the specimens of Enamelled Glass by Brocart, and Pottery by Deck, lent by Messrs. Londos & Cò., of London, and of the Collection of Spanish Pottery and Glass lent by Señor Riaño of Madrid, made large vacancies in the cases of the Museum.

The Corporation is greatly indebted to these gentlemen, who, through the influence of Sir Philip Cunliffe Owen, C. B., K. C. M. G., entrusted their valuable objects to the care and for the use of the Museum, and it was a subject of great regret to your Trustees that means were not forthcoming to purchase some of these interesting specimens of Industrial Art.

To fill the void left by the withdrawal of these objects, your Trustees issued a call to the public to lend for exhibition such works of art as might be suitable for the purpose, and met with a liberal response.

The following is a list of the contributors :

Rev. H. G. Batterson, H. J. Bachman, Miss Annie E. Biddle, Mrs. Atherton Blight, Frank L. Bodine, Mr. Edgar H. Butler, Dr. Stacy B. Collins, Messrs. Cornelius & Sons, Geo. W. Childs, J. E. Caldwell & Co., Mrs. Chas. E. Dana, Miss Kate Drinker, Mrs. John T. Frazer, Dr. C. S. Gauntt, Mrs. Alex. Gilchrist, Mrs. Thomas Hockley, F. Oden Horstmann, Dr. F. W. Lewis, Mrs. R. R. Montgomery, Mrs. A. Mitchell, Mrs. Bloomfield H. Moore, Miss Laura T. Merrick, W. H. Merrick, John McClure, William Platt Pepper, Dr. William Pepper, Rev. O. S. Prescott, Wm. H. Rau, Mrs. Thomas A. Scott, Mrs. F. R. Shelton, Mrs. Chas. Taylor, Charles E. Van Pelt, W. S. Vaux, Mrs. Owen Wister, Mrs. Charles Wheeler, Mrs. Samuel Wagner, Mrs. W. H. Whitney, Rev. J. Bloomfield Wetherill, and Elis Yarnall.

The period of the loan collection was from May 13th to November 16th, but many of the contributors have consented to allow their property to remain in the Museum for an indefinite time. It is hoped that this example may be followed

by citizens generally. The Museum affords a secure depository for valuable objects, and exhibits them to the public in a way to largely increase their usefulness.

Among the most conspicuous of the loans in the collection were the testimonials presented to Ex-President Grant during his visit to Great Britain, consisting of engrossed and illuminated Addresses, and Silver and Gold Caskets containing the freedom of the cities, deposited by Mr. George W. Childs. Apart from the international interest of these objects, they are mostly excellent specimens of art workmanship.

The collection of Græco-Roman Pottery, lent by Dr. F. W. Lewis and Mr. William S. Vaux, attracted much attention, and the case entirely filled with European and Oriental Pottery, Porcelain, and Glass, lent by Miss Laura T. Merrick, was a general object of admiration.

The French Embroideries deposited by the Rev. J. Bloomfield Wetherill, and the collection of Furniture, arranged in a separate room, were remarkably attractive.

The collection illustrative of the natural products and the manufactures of British India, which was exhibited at the Centennial Exhibition, and afterwards left on loan for one year, in care of the Museum, has been finally presented to this Corporation. The British Government left the disposition of the collection with Col. Sir Herbert B. Sandford, K. B., and it was through this gentleman's kind action that the Corporation is the possessor of this most valuable and interesting material.

The only stipulation in the gift was, that the Museum would be expected to purchase the show cases containing the objects, the price being placed at one-half the actual cost; and as they were peculiarly suited for the contents, your Trustees had no hesitation in accepting the gift on such reasonable terms. It is estimated that to collect similar specimens as are contained in this collection, would involve the expenditure of at least Fifteen Thousand Dollars, while the educational value of the objects is immeasurable.

Other gifts have been received from private citizens, of less money value than the foregoing, but perhaps of greater intrinsic value, as the beginning of what your Trustees hope to see continued by others.

Mr. Frederic Graff sent from Naples a cork model of the Temple of Neptune at Pæstum, made by an Italian architect. It is a perfect representation of the original, and as a model of Greek architecture is of the greatest use to students.

A plaque of Hizen porcelain, decorated with landscape figures and geometrical designs, purchased at the Centennial Exhibition, was presented by Mr. James L. Claghorn, and Messrs. Galloway & Graff gave a terra-cotta reproduction of a vase in the British Museum, and also a full-size plaster copy of the Apollo Belvidere.

During a visit to Europe of one of the Officers of the Museum, your Trustees placed in his hands the sum of Fifteen Hundred Dollars, to purchase objects at the Paris Exhibition.

From the report made on his return it would appear that, in his opinion, the objects exhibited, the value of which was within the means of the Museum, differed little from those of the same class purchased at the Centennial Exhibition. He therefore bought but few specimens, considering it best to invest a portion of the money appropriated to the purchase of books on Industrial Art, having opportunities of obtaining these works at very low prices. In all, about Nine Hundred Dollars were expended. The specimens of wrought-iron work, a collection showing the manufacture of cameos, some objects in metal, and a few pieces of pottery and porcelain, are placed in position in the collections, and the books are at present in the School library for the use of the students.

After the close of the Loan Collection, November 16th, there being many objects withdrawn, your Trustees invited the Numismatic and Antiquarian Society of Philadelphia to deposit a collection of medals and coins which would show artistic merit, and it is agreeable to report that the Society were greatly assisted

in their effort by the American Philosophical Society and the Library Company of Philadelphia, both of whom placed at the disposal of the Society their collection of medals and coins for the purpose of exhibiting in the Museum.

Besides these offers of assistance, many private collectors have contributed, and it is expected that this department, before long, will be filled with the best specimens of this art available.

A collection of American antiquities, consisting of Indian Remains, was placed on loan by Dr. M. W. Dickerson. The relation between Archæology and Industrial Art may seem at first remote, but when it is considered how important a knowledge of the history of Art is in the study of Art applied to manufacture, the advantage of having some specimens of this character will be apparent. Many of the objects in this collection show a vigor of decoration very suggestive to the student, and the adjoining collection of the Lake Dwellers' Remains, deposited by Dr. F. W. Lewis, presents some of the same desirable features. While your Trustees object to receiving anything in the way of mere curiosities, or objects without any art interest, they think that a certain amount of antiquarian and archæological matter will be in full accord with the general purpose of the Museum.

During the Centennial Exposition The American Institute of Mining Engineers gathered together a collection illustrative of Mining and Metallurgy. This society, numbering among its members the leading engineers of the country, exerted itself to entertain the Foreign engineers visiting America, and had opportunity to add much to the comfort and instruction of those desiring to study the progress of the Arts here. Many of the Foreign Commissioners, grateful for the kindness of the association, deposited with them the valuable exhibits illustrative of Mining and Metallurgy. The collection thus, at the termination of the exhibition, suddenly attained enormous proportions. These valuable relics of the Centennial

were placed in Memorial Hall, and partially arranged for view. The large east hall and other rooms were filled. The collection, in fact, is capable of quite filling the whole east end of the building. Your Trustees now have the pleasure of reporting that negotiations, long pending with the Committee of the Institution having charge of this collection, have resulted in the entire collection being leased for ninety-nine years to the Pennsylvania Museum. It is to be known as the Collection of the American Institute of Mining Engineers, and so advertised, by signs, on all the rooms containing the collection, and on the labels. It is to be at all times accessible to the membership of the American Institute of Mining Engineers as to the members of the Museum. Its permanent instalment will proceed as rapidly as possible, when a carefully prepared catalogue will give to the public an idea of its vast extent and great value, as well as the historical significance of the collection. With it will be placed all objects now or hereafter owned by the Museum which are germane to the object of the collection, and every effort will be made to render it attractive and useful to students.

This valuable collection is of peculiar interest to the people of this City and State, as it is illustrative of those Mechanic Arts and Industries which contribute to so great an extent to the prosperity of the Commonwealth, and it is also most fitting that so interesting a relic of the Centennial Exhibition should remain on the scene of that great display, as a partial return to the citizens of Pennsylvania for the money expended by them in honor of the entire nation.

The bill introduced by your Trustees into the State Legislature at its last session, to appropriate twenty thousand dollars to the Corporation, met with only partial success. It was reduced in Committee to five thousand dollars, and the expenditure of this sum limited to the maintenance and repair of Memorial Hall.

The amount was received and expended as directed, the

building requiring considerable repair, which expense, together with that of heating, cleaning, and watching, far exceeded the amount appropriated.

It is eminently proper that the State, and also the City, having so large an amount of the public money invested in the Memorial Hall, should provide for its maintenance and repair.

An effort will be again made this winter to induce the State and City to take such action as will relieve the corporation of this heavy burden; and the influence of all the friends of the Museum is earnestly solicited in this behalf.

The insufficient character of the provisions of the United States tariff exempting from duty objects imported by Educational Institutions, was brought to the attention of the Treasury Department at Washington, and the subject was received with respectful consideration. Assistant Secretary of the Treasury the Hon. H. J. French prepared an act so constructed as to cover all articles the Museum may import, and urged its passage with the weight of his official and personal influence. With slight alterations the bill became a law, and relieves from duty also those Centennial purchases made by the Museum which were under bond.

The Corporation is indebted in this matter to the authorities at Washington for their active assistance, and especially to the Custom House officials at Philadelphia, for their kindness and consideration.

The progress of the Schools during the past year, the first of their existence, has more than equalled the expectations of your Trustees.

The pupils have shown every evidence of appreciation of the privileges offered, by their regular attendance and attention to their studies, while the Schools have gained a position in the estimation of the public most gratifying to those who support and direct them.

In regard to one department of the course of instruction, the Teacher of Free-hand Drawing reports as follows :

"The direction of the instruction has been constantly with a view of inducing the students to cultivate a clear-headed judgment as well as an individuality in the use of both hand and eye, to get them into a habit of self-help rather than allow them to depend upon the rendering of a master ; this throwing out, as it does, all reproduction or copying, has already shown the most beneficial results in the quality and spirit of the original work which has been done by the students outside of the school-hours." In regard to the scientific branches taught, the same care has been exercised to instil into the mind of the students the principles of the studies taught, rather than furnishing to them a general idea of the subject, or allowing the information to be acquired by rote. The effect of the plan so far has been to stimulate the intellectual faculties of the students, as seen in the character of the work done by most of them. One result of such a course is that many have not the capacity and industry to keep up with the class, and, in consequence, a number have been dropped during the year, or have voluntarily retired.

Your Trustees, however, believe that it is better to thoroughly educate a few than to imperfectly instruct many, and so far as the experience of the past year is of value as a test, hold to the opinion that the plan pursued is a good one. The hours of attendance were changed at the beginning of the Autumn term, so as to require each class to be present twice a week, instead of every day, as formerly. It was found that daily attendance, especially with the evening classes—the members of which are engaged during the day—was too severe a strain upon them, and, by the new arrangement, the number of the pupils was increased to two hundred. All the classes are expected to attend the lectures.

The course of lectures by Dr. J. T. Rothrock, on "Plants and Plant Forms," now being delivered, has been productive

of the best results, presenting to the students a knowledge of natural forms most valuable to those who may become designers. The course on Historic Ornament, given last winter, was discontinued, as being somewhat in advance of the general instruction, and Dr. W. W. Keen has been engaged to deliver a few lectures this season on "Animal Anatomy as applied to Decorative Art," beginning February 15th.

The professional engagement of Mr. Philip Pistor, instructor in the scientific branches, made it necessary for him to give up the direct charge of the morning classes, and Mr. Nelson O. Whitney was appointed assistant in this department, Mr. Pistor still retaining charge of the evening classes.

The absence of a systematic course of teaching Drawing in the Public Schools is a serious drawback to any effort in the direction of a higher art education, such as is proposed to be given in the Museum Schools, and your Trustees would earnestly call upon the members, and all others interested in this subject, to exert their influence upon the Public School authorities to induce them to make a thorough study of Drawing one of the essential parts of the course in all of the Public Schools of the city. If this were done in a practical and effective way, a portion of the public, at least, before long, would have acquired a rudimentary knowledge which would enable them to more readily take up the course at the Museum Schools, while the education offered by the Museum would be of great benefit to those intending to be teachers, or who are already giving instruction in the Public Schools. A number of teachers are now students at the Museum Schools, and if means were available for the purpose, two classes, of fifty each, could be accommodated without any difficulty.

From the foregoing sketch of the working of the different departments of the Museum, it is evident that each has been carried out as fully as circumstances would permit, and while your Trustees are well satisfied with what has been done, yet they cannot, in view of the comprehensive character of the

Museum organization, rest contented until each portion of the plan is developed to its highest point.

It so completely provides that which is most needed in our present civilization that it should appeal to every intelligent citizen. To the manufacturer it furnishes native talent for designers—a need, if not felt, is none the less present—to the unemployed, means of subsistence, through the knowledge given them; and to the public generally an opportunity of improvement and refinement. Surely these are not unimportant questions, but they cannot be solved by any means without united effort. If the State neglects such ways of advancing the interest of the people, it falls upon the people to advance themselves, and, therefore, to the people of all classes, your Trustees look for practical financial aid to complete what has been begun. The City and State that so generously poured out its money for the support of that great Industrial Exhibition, held in memory of the Nation's Centennial birth-day, will certainly not neglect to profit by the lesson there taught, and with equal earnestness sustain the Pennsylvania Museum and School of Industrial Art.

TREASURER'S STATEMENT.

November 30th, 1877, to November 30th, 1878.

DR.

To balance on hand November 30, 1877,	\$420 22
Donations,	10,588 40
State Appropriation for the Maintenance and Repairs of Memorial Hall,	5,000 00
Permanent Exhibition Company in settlement of claim,	\$1,000 00
Annual Members,	260 00
Interest,	134 72
Admissions to Museum,	1,860 70
Needlework Classes, Tuition, Sales of Material and Work,	1,830 36
Donations for Maintenance of Art School,	4,230 00
Tuition at Schools and Admissions to Lectures,	144 75
Transferred to Credit of Profit and Loss,	9,460 53
	<u>\$25,469 15</u>

CR.

By Warrants paid for:

Interest,	\$240 26
Office Expenses,	212 44
Salaries,	1,208 30
Expenses of Charter,	21 30
Travelling Expenses,	35 90
Freight and Expressage,	81 83
Printing,	445 90
Advertising,	101 03
Commissions paid Collector,	7 50
Installing Museum Collections,	231 08
Custom House Charges,	98 87
Maintenance of Art Schools,	4,100 47
“ “ Needlework Classes,	3,369 26
Transferred to Debit of Profit and Loss,	\$10,154 14
Additions to the Museum Collections and other Permanent Investments,	6,356 47
Payments on Account of Temporary Loans,	3,157 85
Maintenance and Repair of Memorial Hall,	4,640 88
Balance on hand November 30th, 1878,	1,159 81
	<u>\$25,469 15</u>

LIST OF SUBSCRIBERS

*To the Fund for Establishing and Maintaining the Pennsylvania
Museum and School of Industrial Art, to November 30, 1878.*

Baird, John,	\$5,000	Massey, William,	\$500
Burnham, Parry, Williams & Co.,	1,000	Merrick, Miss Lucy W.,	100
Brown, Alexander,	500	Merrick, Miss E. H.,	600
Borie, C. & H.,	250	Pepper, Wm. Platt,	1,000
Blanchard, Miss A.,	100	Santee, Charles,	200
Barton, Mrs. S. R.,	200	Scott, Thomas A.,	200
Childs, George W.,	5,000	Scott, Mrs. T. A.,	200
Drexel, A. J.,	5,000	Taitt, Mrs. C. G.,	1,000
Drexel, F. A.,	5,000	Temple, Joseph E.,	500
Gibson, Henry C.,	2,500	Vaux, William S.,	50
Gibson, Miss R.,	1,000	Wharton, Joseph,	1,000
Garrett, Walter,	1,000	Weightman, William,	500
Garrett, Jr., W. E.,	1,000	Willing, Harriet R.,	5
Horstmann, F. O.,	1,000	Wagner, Mrs. Tobias,	500
Harrison, Havemeyer & Co.,	1,000	Whitney, A. & Sons,	5,000
Lea, Henry C.,	5,000	Welsh, Samuel,	1,000
Lippincott, J. Dundas,	50	Walraven, Ira E.,	25
Miles, Thomas,	150		
			<hr/> \$47,130

LIFE MEMBERS.

Allen, Joseph,	\$100	Blanchard, Miss A.,	\$100
Allen, Jr., Joseph,	100	Blanchard, Miss M.,	100
Biddle, Chapman,	100	Blanchard, Miss H.,	100
Biddle, Alexander,	100	Bickley, H. W.,	100
Biddle, Clement,	100	Bickley, Mrs. H. W.,	100
Biddle, Mrs. Chapman,	100	Barclay, R. D.,	100
Biddle, Miss A. E.,	100	Barclay, Mrs. R. D.,	100
Biddle, Walter L. C.,	100	Baker, John R.,	100
Baird, Matthew,	100	Claghorn, James L.,	100
Baker, William S.,	100	Claghorn, J. Raymond,	100

Campbell, Mrs. St. George T., . . .	100	Merrick, J. Vaughan, . . .	\$100
Coles, Miss Mary, . . .	100	Merrick, William H., . . .	100
Clark, J. Hinckley, . . .	100	Miles, Thomas, . . .	100
Cocper, John H., . . .	100	Miles, Mrs. M. L., . . .	100
Caldwell, J. E., . . .	100	Morris, Wistar, . . .	100
Clark, Clarence H., . . .	100	Murphy, Frank W., . . .	100
Carver, William Barton, . . .	100	Merrick, Miss E. H., . . .	100
Clark, Ephraim, . . .	100	Merrick, Miss L. W., . . .	100
Cochran, Thomas, . . .	100	Moore, James, . . .	100
Chapman, Joseph, . . .	100	Morris, P. P., . . .	100
Cope, Caleb, . . .	100	Milliken, James, . . .	100
Collins, H. H., . . .	100	Norris, Charles, . . .	100
Cassatt, A. J., . . .	100	Newbold, John S., . . .	100
Coleman, G. Dawson, . . .	100	Newbold, Mrs. J. S., . . .	100
Dick, F. A., . . .	100	Noblit, Dell, . . .	100
Dobbins, R. J., . . .	100	Platt, Charles, . . .	100
Disston, Henry, . . .	100	Pepper, William Platt, . . .	100
Disston, Albert H., . . .	100	Pepper, George S., . . .	100
Disston, Hamilton, . . .	100	Pepper, Lawrence S., . . .	100
Fennimore, Ed. L., . . .	100	Pepper, William, M. D., . . .	100
Fuguet, Stephen O., . . .	100	Patterson, Joseph, . . .	100
Gibson, Henry C., . . .	100	Page, Joseph T., . . .	100
Graff, Frederic, . . .	100	Poultney, Charles W., . . .	100
Garrett, Miss Elizabeth, . . .	100	Rogers, William D., . . .	100
Garrett, Miss Julia, . . .	100	Roberts, Jacob, M. D., . . .	100
Garrett, Mrs. Walter, . . .	100	Sellers, Coleman, . . .	100
Gowen, Franklin B., . . .	100	Steel, Edward T., . . .	100
Green, Stephen, . . .	100	Smyth, Lindley, . . .	100
Hart, Samuel, . . .	100	Sommerville, Maxwell, . . .	100
Hill, George W., . . .	100	Spencer, Charles, . . .	100
Heberton, G. Craig, . . .	100	Scott, James P., . . .	100
Hagstoz & Thorpe, . . .	100	Scott, Mrs. James P., . . .	100
Houston, H. H., . . .	100	Sweatman, V. C., . . .	100
Houston, Mrs. H. H., . . .	100	Seibert, Henry, . . .	100
Justice, William W., . . .	100	Snelton, Frederick R., . . .	100
Justice, Mrs. W. W., . . .	100	Smith, Thomas, . . .	100
Justice, Miss Cecilia, . . .	100	Tyler, George F., . . .	100
Justice, Miss M. C., . . .	100	Thomas, J. Harvey, . . .	100
Justice, Miss E. B., . . .	100	Vollmer, Gottlieb, . . .	100
James, John O., . . .	100	Vaux, William S., . . .	100
Jones, Washington, . . .	100	Wright, John W., . . .	100
Knight, Edward C., . . .	100	White, Samuel S., . . .	100
Lewis, Richard A., . . .	100	Wright, James A., . . .	100
Lewis, Edwin M., . . .	100	Wurts, Charles Stuart, M. D., . . .	100
Lovering, Joseph S., . . .	100	Wright, Edward N., . . .	100

MAINTENANCE OF SCHOOL FUND—1878.

Button, Conyers, \$100	Merrick, Miss S. V., \$100
Baily, Joel J., 100	Merrick, J. V., 180
Baeder, Adamson & Co., . . 100	McCallum, Crease & Sloan, . 100
Cuyler, Mrs. Theodore, . . 100	Phillips, Moro, 100
Coates, Edward H., 100	Potter, Thomas, 100
Coates, Benjamin, 100	Porter & Coates, 100
Carter, William T., 100	Powers, Thomas H., 100
Clyde, Thomas, 100	Orne, J. F. & E. B., 100
Clayton, John, 100	Rogers, C. H., 100
Caldwell & Co., J. E., . . . 100	Randolph, Evan, 100
Cornelius & Sons, 100	Rhoads, Miss Elizabeth, . . 100
Duhring, Mrs. Henry, 100	Ritchie, Craig D., 25
Dolan, Thomas, & Co., . . . 100	Shortridge, N. Parker, . . . 100
Dobson, John & James, . . . 100	Smith, Thomas, 100
Eddystone Manufacturing Co., . 100	Sharpless, Charles S., . . . 100
Garrett, P. C., 100	Solms, S. J., 100
Harrison, Thomas S., 100	Scull, D., Jr., & Bro., . . . 100
Horstmann, W. H., & Sons, . . 100	Steel, Edward T., & Co., . . 100
Justice, Bateman & Co., . . . 100	Supplee & Pennypacker, . . 100
Jack, Louis, M. D., 100	Strawbridge, J. C., 100
Johnson, Mary W., 100	Warner, Redwood F., 100
Little, Amos R., 100	Wright, James A., 100
Lewis, Henry, 100	Wood, William, & Co., . . . 100
Lovering, Joseph, Jr., 100	
Lewis, F. W., M. D., 100	
	<u>\$4,805</u>

ANNUAL MEMBERS—1878.

Atlee, M. D., Washington, . . \$10	McMichael, Mortor, \$10
Baker, Alfred G., 10	Merrick, Miss S. V., 10
Bodine, Frank L., 10	Mitchell, J. E., 10
Bement, Clarence S., 10	Platt, Mrs. Charles, 10
Batterson, Rev. H. G., 10	Potsdamer, T. B., 10
Browne, John C., 10	Rosengarten, J. G., 10
Clark, Miss Fannie, 10	Ritchie, Craig D., 10
Clark, Edward W., 10	Rexsamer, G. W., 10
Earle, James M., 10	Sartain, John, 10
Hart, William R., 10	Stevenson, Miss Annie, . . . 10
Kern, W. W., M. D., 10	Townsend, Henry C., 10
Knight, J. B., 10	Thomson, Dr., 10

CENTENNIAL STOCK.

H. P. McKean, . . .	500 Shares.	Misses Lewis, . . .	10 Shares.
A. E. Borie, . . .	250 "	Samuel B. Thomas, . . .	10 "
B. H. Bartol, . . .	100 "	William Brockie, . . .	10 "
Fairman Rogers, . . .	100 "	Samuel R. Shipley, . . .	10 "
James L. Claghorn, . . .	100 "	William P. Henszey, . . .	10 "
Cornelius & Sons, . . .	100 "	Daniel Neall, . . .	5 "
Jacob P. Jones, . . .	100 "	Mrs. Daniel Neall, . . .	5 "
Mrs. Clarence H. Clark, . . .	86 "	George E. Hoffman, . . .	5 "
Isaac Lea, . . .	50 "	E. T. Mockridge, . . .	1 "
Iungerich & Smith, . . .	50 "	John S. Henry, . . .	1 "
George Burnham, . . .	50 "	Caroline S. Jack, . . .	1 "
H. W. Bartol, . . .	50 "	Mrs. Alexander Henry, . . .	1 "
Charles Wheeler, . . .	50 "	Phebe W. Hoffman, . . .	1 "
Bowen & Fox, . . .	50 "	Mrs. S. C. Zantzinger, . . .	1 "
Edward H. Williams, . . .	50 "	Charles F. Berwind, . . .	1 "
Sam. R. Shipley, <i>Prest.</i> , . . .	50 "	Mrs. George Vaux, . . .	1 "
Klemm & Bro., . . .	25 "	William Moss, M. D., . . .	1 "
William S. Grant, . . .	25 "		
Lewis Jack, . . .	10 "		
S. & F. Child, . . .	10 "		
			<hr/> 1880 Shares. <hr/>



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